

FORM PTO-1390
(REV 10-2000)

DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

108627.124

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/647901

INTERNATIONAL APPLICATION NO.

PCT/EP99/02424

INTERNATIONAL FILING DATE

9 April 1999 (09/04/99)

PRIORITY DATE CLAIMED

9 April 1998 (09/04/98)

TITLE OF INVENTION

Bi-Directional Broadcasting System

APPLICANT(S) FOR DO/EO/US

Johannes Heichler, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 16 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☒ A change of power of attorney and/or address letter.
16. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.55)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
09/64790	PCT/EP99/02424	108627.124

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO \$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO. \$860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =**CALCULATIONS PTO USE ONLY**

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	17 - 20 =		X \$18.00
Independent claims	1 - 3 =		X \$80.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00

\$ 0

\$ 0

\$ 0

TOTAL OF ABOVE CALCULATIONS =

\$

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

\$

SUBTOTAL =

\$

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$

40.00

TOTAL FEES ENCLOSED =

\$ 900.00

Amount to be

refunded:

\$

charged:

\$ 900.00

a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 08-0215 in the amount of \$ 900.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 08-0219. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Wayne M. Kennard, Esq.
Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109

SIGNATURE:

Wayne M. Kennard

NAME

30,271

REGISTRATION NUMBER

09/647901

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENTS
(Attorney Docket No. 108627.124)

422 Rec'd PCT/PTO 06 OCT 2000

In re Application of: Johannes Heichler, et al.
Serial No.: To Be Assigned
(National Phase of PCT/EP99/02424)
(Published as WO 99/53636)
Filing Date: Herewith (October 5, 2000)
Title: BI-DIRECTIONAL BROADCASTING SYSTEM

TRANSMITTAL LETTER

BOX PCT
Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL LABEL NO.: EL384916579US
October 5, 2000

Dear Commissioner:

The following documents are submitted to begin the national examination procedure for the above-referenced PCT application in the United States:

1. Transmittal Letter to U.S. Designated Office;
2. Copy of International Application No. PCT/EP99/02424;
3. Copy of International Preliminary Examination Report and Amended (Translated) Claim pages;
4. Copies of the European and International Search Reports;
5. Information Disclosure Statement, including Form PTO 1449 and 6 publications;
6. Declaration and Power of Attorney documents (executed);
7. Assignment documents (executed), with Form PTO-1595; and
8. Return Postcard.

Priority Information: This application is the national phase entry of PCT/EP99/02424, filed April 9, 1999, claiming priority to European Application No. 98106597.2, filed April 9, 1998.

Serial No. TBA
Heichler, et al.
(National Phase of PCT/EP99/02424)

09/647901

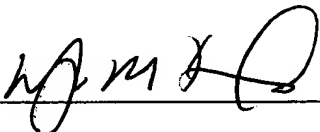
422 Rec'd PCT/PTO 06 OCT 2000

The Commissioner is hereby authorized to debit the patent application filing fee of \$900.00 from Deposit Account No. 08-0219. Further, the Commissioner is authorized to debit any fee that may be required to maintain the pendency of this application to Deposit Account No. 08-0219.

Respectfully Submitted,

HALE AND DORR LLP

Date: 10-6-00



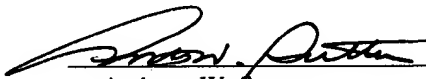
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CERTIFICATION UNDER 37 CFR 1.10

I hear by certify that the attached papers are being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on October 6, 2000 and is addressed to: BOX PCT, Commissioner for Patents, Washington, D.C. 20231

EL384916579US
"Express Mail Label No."



Anthony W. Sutton